RYOBI
13 in. PLANER
MODEL NO. AP1301
REPAIR SHEET

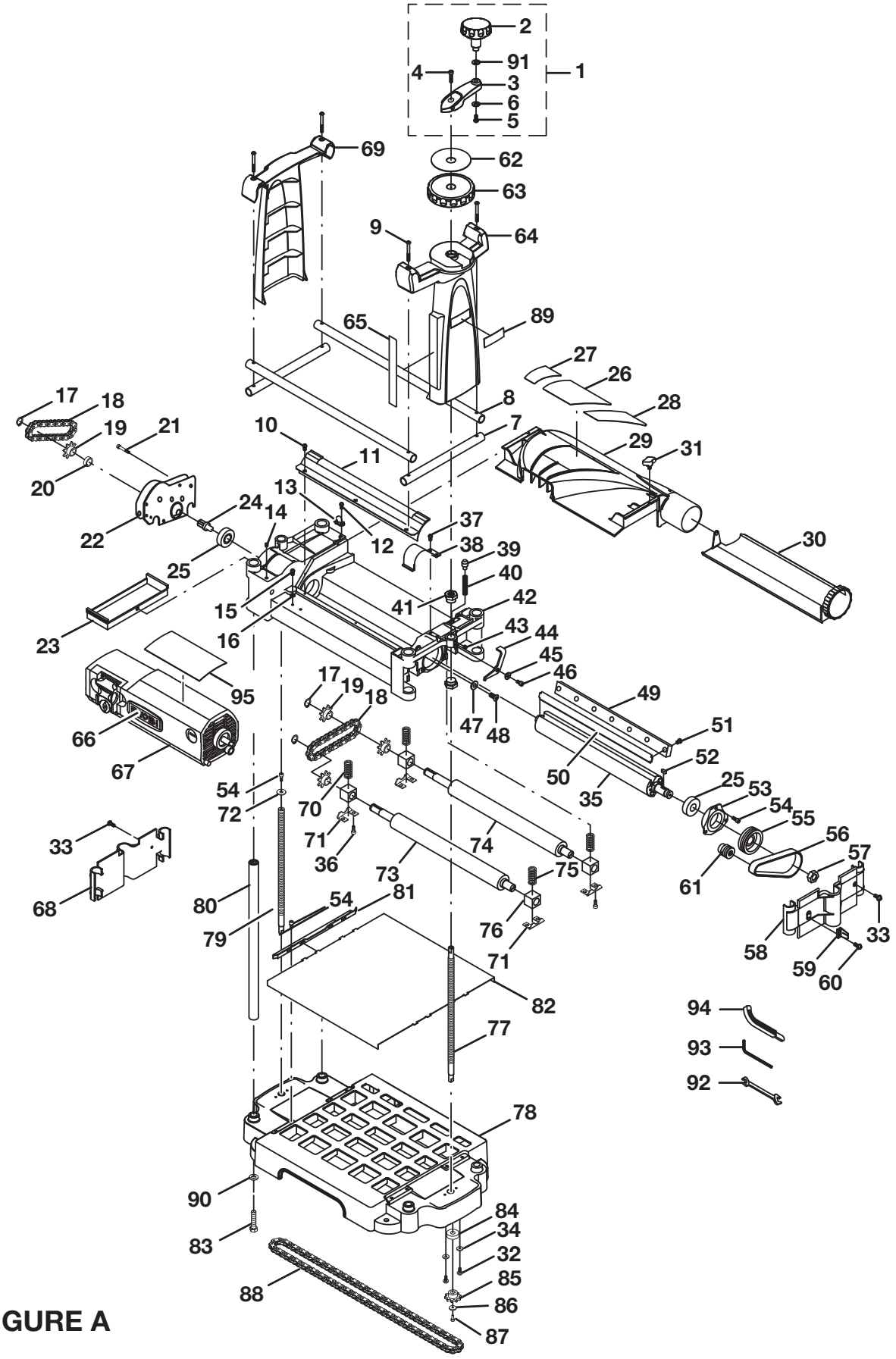
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FIGURE A

The model number will be found on a plate attached to the motor housing. Always mention the model number in all correspondence regarding your **PLANER** or when ordering repair parts.

PARTS LIST FOR FIGURE A

KEY NO.	PART NUMBER		DESCRIPTION	QTY.
1	089170101800		HANDLE ASSEMBLY (INC. KEY NOS. 2-6 AND 91)	1
2	089170101001		HANDLE KNOB ASSEMBLY	1
3	089170101002		HANDLE ARM ASSEMBLY	1
4	089170101003	*	SCREW (M5 X P0.8 X 20 mm HEX SOC.)	1
5	089170101008	*	SCREW (M4 X P0.7 X 12 mm HEX SOC.)	1
6	089170101010	*	WASHER (Ø4.3 X Ø12 X 1t)	1
7	089170101011		CONNECTION TUBE - SHORT (OD.20 X 1.0t X 225 mm)	2
8	089170101012		CONNECTION TUBE - LONG (OD.20 X 1.0t X 485 mm)	2
9	089170101013	*	SCREW (M6 X P1 X 60 mm SOC. BUTTON HD.)	4
10	089170101014	*	SCREW (M5 X P0.8 X 8 mm PAN HD.)	3
11	089170101015		DUST CHUTE PLATE	1
12	089170101016	*	SCREW W/WASHER (M5 X P0.8 X 10 mm)	1
13	827767		CORD CLAMP	1
14	821065-2		SET SCREW (M5 X P0.8 X 8 mm)	1
15	089170101019	*	SCREW (M5 X P0.8 X 8 mm PAN HD.)	2
16	813314-8		LOCK WASHER (M5)	2
17	817453		RETAINING RING	3
18	827794		CHAIN	2
19	827772		SPROCKET	4
20	827773		SPACER	1
21	828943-4	*	SCREW (M5 X P0.8 X 35 mm HEX SOC.)	4
22	089170101801		GEARBOX ASSEMBLY	1
23	089170101038		GEAR BOX COVER	1
24	827784		PINION	1
25	820722-5		BALL BEARING (6203ZZ)	2
26	089170101900		WARNING LABEL (DUST CHUTE-1)	1
27	089170101907		WARNING LABEL (DUST CHUTE-2)	1
28	089170101908		WARNING LABEL (DUST CHUTE-3)	1
29	089170101041		CHUTE DUST (INC. KEY NOS. 26-28)	1
30	089170101042		HOOD DOOR	1
31	089170101043		HURRICANE KNOB	2
32	089170101044	*	SCREW (M5 X P0.8 X 10 mm PAN HD.)	4
33	089170101045	*	SCREW (M5 X P0.8 X 10 mm HEX HD.)	2
34	089170101046	*	WASHER (Ø5.2 X Ø16 X 1.5t)	4
35	827680		CUTTER HEAD	1
36	089170101137	*	SCREW (M5 X P0.8 X 10 mm HEX SOC.)	1
37	089170101047	*	SCREW W/WASHER (M4 X P0.7 X 10 mm)	2
38	089170101048		BELT GUARD	1
39	828788		PLUNGER	1
40	827738		SPRING COIL	1
41	089170101051		ELEVATION NUT (14 mm)	4
42	089170101052		UPPER FRAME	1
43	821065-1	*	SCREW (M5 X P0.8 X 5 mm)	4
44	089170101054		CUTTER HEAD LOCK	1
45	827737		SPACER	1
46	828027	*	SCREW (M5 X P0.8 X 12 mm HEX SOC.)	1
47	821063	*	WASHER (Ø8 X Ø18 X 2t)	1

*** Standard Hardware Item – May Be Purchased Locally**

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PARTS LIST FOR FIGURE A

KEY NO.	PART NUMBER		DESCRIPTION	QTY.
48	089170101058	*	SCREW (M8 X P1.25 X 20 mm HEX HD.)	1
49	827711		BLADE LOCKING PLATE	2
50	089170101062		PLANER BLADE (19 X 1.8 X 344)	2
51	828791		SCREW	14
52	818654-9		KEY (5 X 12 mm)	1
53	827786		BEARING RETAINER	1
54	820379	*	SCREW (M5 X P0.8 X 12 mm HEX SOC.)	14
55	089170101069		PULLEY CUTTER HEAD	1
56	827793		BELT DRIVE (135J6)	1
57	827788		NUT HEX (M16LH X 8t)	8
58	089170101072		SMALL COVER (RIGHT SIDE)	1
59	089170101073		DEPTH INDICATOR	1
60	089170101074	*	SCREW W/WASHER (M4 X P0.7 X 8 mm)	1
61	827789		PULLEY MOTOR	1
62	089170101901		ZERO RESET DIAL LABEL	1
63	089170101076		ZERO RESET DIAL	1
64	089170101077		LARGE COVER (RIGHT SIDE)	1
65	089170101902		SCALE LENGTH	1
66	089170101903		LOGO LABEL	1
67	089170101802		MOTOR/SWITCH ASSEMBLY (INC. KEY NOS. 66 AND 95)	1
68	089170101078		SMALL COVER (LEFT SIDE)	1
69	089170101079		LARGE COVER (LEFT SIDE)	1
70	827758		SPRING COIL - LEFT	2
71	AP13084		RETAINER PLATE	4
72	827765	*	WASHER (Ø5.5 X Ø19 X 2t)	1
73	828939		ROLLER INFEED	1
74	828938		ROLLER OUTFEED	1
75	827755		SPRING COIL - RIGHT	2
76	AP13089		BEARING BLOCK (23 mm)	4
77	089170101087		R.H. SPINDLE	1
78	089170101088		BASE	1
79	089170101089		L.H. SPINDLE	1
80	089170101803		POST	4
81	827705		RAIL GUIDE	2
82	089170101094		WEAR PLATE	1
83	089170101095	*	SCREW (M10 X P1.5 X 40 mm HEX)	4
84	089170101096		BALL BEARING (6000ZZ)	2
85	089170101097		SPROCKET	2
86	089170101098	*	WASHER (Ø4 X Ø15 X 2t)	2
87	089170101099	*	SCREW (M4 X P0.7 X 12 mm HEX SOC. HD.)	2
88	089170101100		CHAIN	1
89	089170101904		SIDE COVER LABEL	2
90	089170101101	*	WASHER (Ø10.5 X Ø21 X 2t)	4
91	089170101007		WASHER	1
92	827756		WRENCH (M8 X M10)	1
93	827757		HEX KEY (M4 X 120 mm)	1
94	089170101103		BLADE WRENCH	1
95	089170101906		MOTOR WARNING LABEL	1

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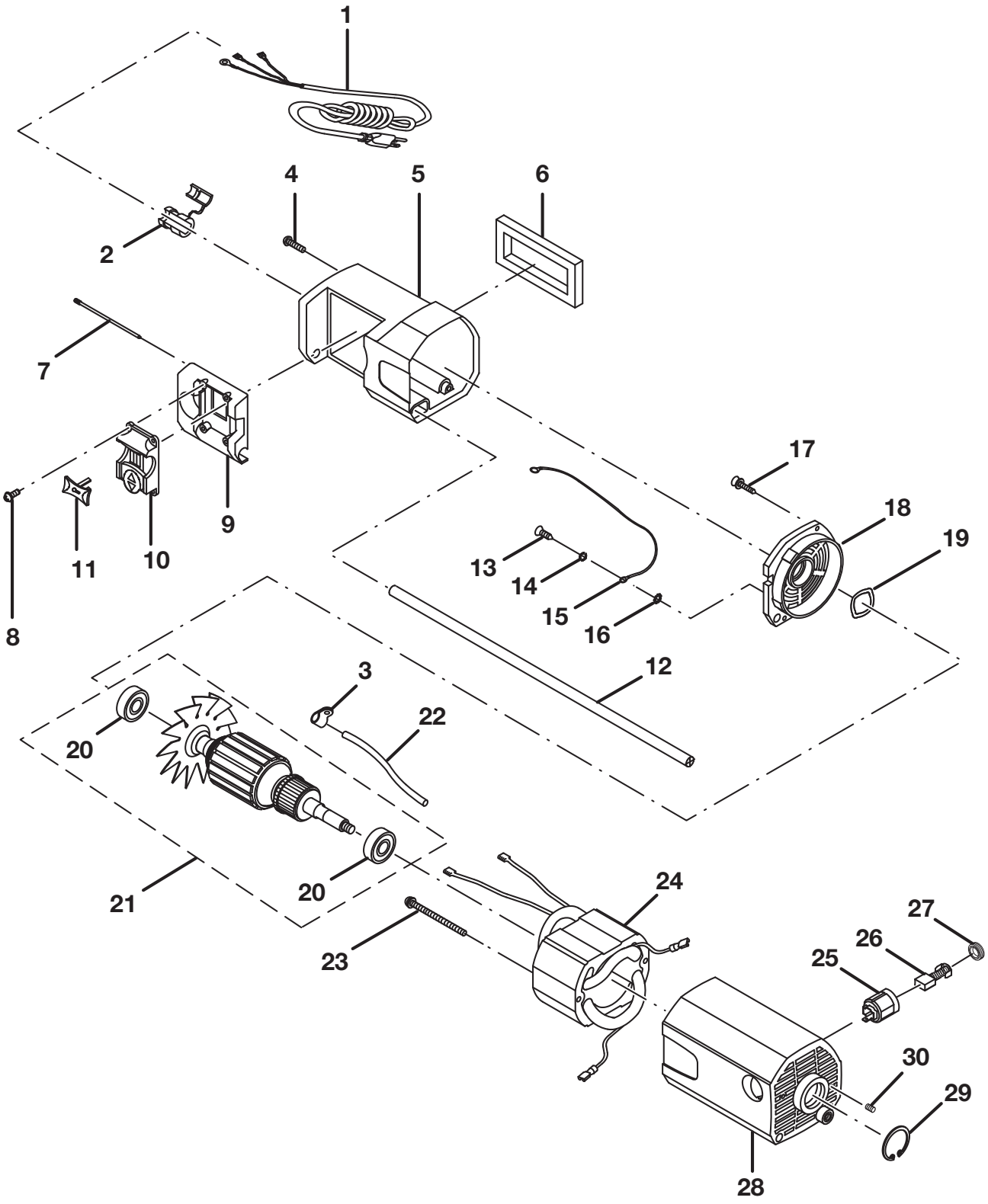
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FIGURE B

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PARTS LIST FOR FIGURE B

KEY NO.	PART NUMBER		DESCRIPTION	QTY.
1	089170101106		POWER CORD	1
2	089170101107		STRAIN RELIEF (6B3-2S)	1
3	827767		CORD CLAMP	1
4	820240-7	*	SCREW (M5 X 20 mm PAN HD.)	2
5	089170101110		MOTOR HOUSING (REAR)	1
6	827740		FOAM GASKET	1
7	827797		SPECIAL SCREW	1
8	089170101113	*	SCREW (M4 X 12 mm PAN HD.)	4
9	089170101114		SWITCH SOCKET	1
10	089170101115		SWITCH (HY18-13) (INC. KEY NO. 11)	1
11	089170101116		SWITCH KEY	1
12	089170101117		MOTOR PIVOT ROD	1
13	820257-1	*	SCREW (M5 X 8 mm PAN HD.)	1
14	089170101119	*	SPRING WASHER (M5)	1
15	827812		LEAD WIRE WITH TERMINAL (300 mm $\pm$ 3 mm)	1
16	813314-8		LOCK WASHER (M5)	1
17	828946	*	SCREW W/WASHER (M4.2 X 20 mm)	4
18	827707		MOTOR END CAP	1
19	820510-6		SPRING WASHER	1
20	820722-3		BALL BEARING (6201LLB)	2
21	089170101126		ARMATURE ASSEMBLY (INC. KEY NO. 20)	1
22	827706		SLEEVE	1
23	828947	*	SCREW W/WASHER (M4.8 X 75 mm)	2
24	089170101129		FIELD ASSEMBLY (INC. KEY NO. 22)	1
25	827809		BRUSH HOLDER	2
26	827811		BRUSH AND SPRING ASSEMBLY	2
27	827810		BRUSH CAP	2
28	089170101133		MOTOR HOUSING (FRONT)	1
29	826551-1		RETAINING RING (RTW32)	1
30	821065-3	*	SCREW (M5 X 12 mm HEX SOC.)	2
	983000828		OPERATOR'S MANUAL	
	983000828R		REPAIR SHEET (REV:01)	
	01-27-06			

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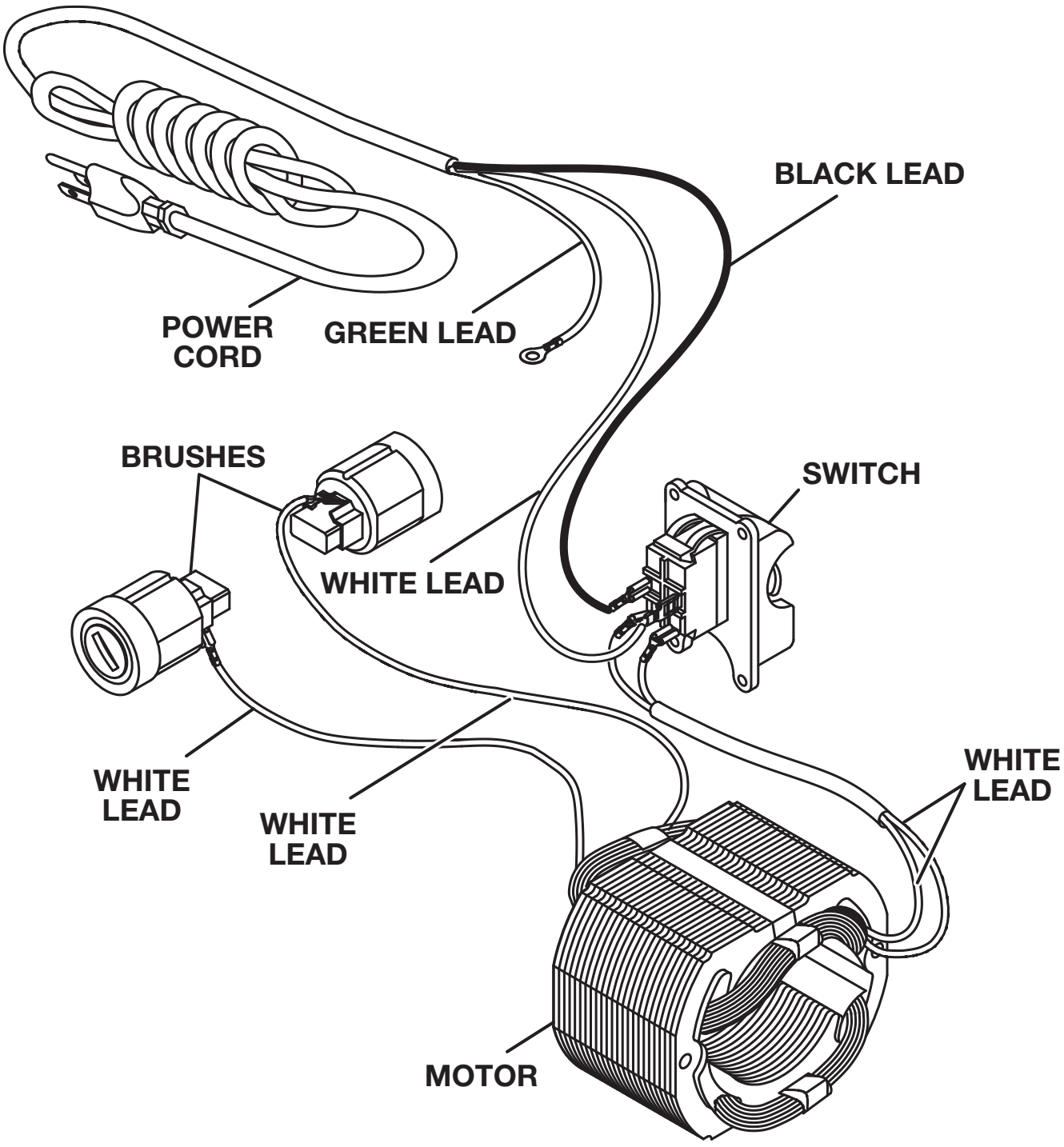

WIRING DIAGRAM